

OMB No. 0651-0021

INFORMATION DISCLOSURE STATEMENT Atty. Docket No.: 54358US067 Serial No.: 09/911532

Applicant(s): John A. Wheatley et al.

Filing Date: 07/24/01 Group: 2872

U.S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
Mys	RE 34,605	5/10/94	Schrenk et al.			
	3,124,639	3/1964	Kahn			
rin)	3,195,865	07/20/65	Harder			
nns	3,213,753	10/1965	Rogers		>	
nn	3,308,508	3/14/67	Schrenk			
uns	3,315,306	4/25/67	Ladner et al.		->	
nn)	3,321,804	5/30/67	Breidt, Jr. et al.		د	
nn	3,327,349	6/27/67	Lennox		>	
nos	3,328,003	6/27/67	Chisholm		>	
nns	3,334,382	8/8/67	Lefevre		نــــــــــــــــــــــــــــــــــــــ	
nn	3,391,296	7/1968	Snaper			
In	3,397,428	8/20/68	Donald			
MAI	3,399,105	8/27/68	Breidt, Jr. et al.			
nn)	3,400,190	9/3/68	Donald			
nni	3,415,920	12/10/68	Lee et al.			
nn)	3,423,498	1/21/69	Lefevre			
	3,438,691	4/1969	Makas			
nn)	3,442,755	5/6/69	Walters et al.			
ros	3,448,183	6/3/69	Chisholm			
ins	3,479,425	11/18/69	Lefevre et al.			
nai	3,480,502	11/25/69	Schrenk			
NN	3,485,912	12/23/69	Schrenk et al.			
RN	3,487,505	1/6/70	Chisholm et al.		تـــــا	
nn	3,498,873	3/3/70	Schrenk			
inn	3,511,903	5/12/70	Glass et al.			
ros	3,549,405	12/22/70	Schrenk et al.		_	
uns	3,555,128	1/12/71	Schrenk			
NO	3,557,265	1/19/71	Chisholm et al.		—	
Mrs.	3,565,985	2/23/71	Schrenk et al.		-	
pp	3,576,707	4/27/71	Schrenk et al.			

EXAMINER	Date Considered
ROSH	2/22/03
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conformance and not considered. Include copy of this form with next communication to applicant.

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Patent and Trademark Office, U.S. Department of Commerce

(Also form PTO-1449)



	& TRADEMAN				OMB No. 0651-0011			
INFO	RMATION	Atty. Docket No.	Atty. Docket No.: 54358US067		Serial No.: 09/911532			
. DISC	CLOSURE							
STA	TEMENT	Applicant(s): Jo	hn A. Wheatley et al.	· · · · · · · · · · · · · · · · · · ·				
		Filing Date: 07/2	24/01	Group	: 2872	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
ros	3,645,837	2/29/72	Chisholm et al.			100 S		
nos	3,647,612	3/7/72	Schrenk et al.			(A)		
rns	3,687,589	8/29/72	Schrenk			1		
rus	3,716,612	2/13/73	Schrenk et al.			Por To		
ro)	3,737,263	6/5/73	Schrenk et al.		>	59		
un)	3,743,459	7/3/73	Schrenk et al.			· 60		
nns	3,759,647	9/1973	Schrenk et al.			9		
NB	. 3,773,882	11/1973	Schrenk					
nn)	3,801,429	4/2/74	Schrenk et al.					
M1)	3,847,585	11/12/74	Chisholm		>			
トワノ	3,860,036	1/14/75	Newman, Jr.					
uns	3,860,372	6/14/75	Newman, Jr.					
nn)	3,884,606	5/1975	Schrenk		<u>`</u>			
nns	3,924,990	12/9/75	Schrenk					
my	4,094,947	6/13/78	Alfrey, Jr., et al.		_>			
ans	4,309,075	1/1982	Apfel et al.			· · ·		
cas	4,310,584	1/1982	Cooper et al.					
nns	4,446,305	5/1984	Rogers et al.	-				
nos	4,520,189	5/1985	Rogers et al.					
uns	4,521,588	6/1985	Rogers et al.					
nns	4,525,413	6/1985	Rogers et al.					
MNS	4,540,623	9/1985	Im et al.					
plos	4,661,303	4/28/87	Chum et al.	,				
rns	4,720,426	1/1988	Englert et al.					
MPS	4,805,989	2/1989	Nakajima					
nos	4,895,769	1/1990	Land et al.					
nos	4,965,135	10/23/90	Im et al.					
101	5,044,736	9/1991	Jaskie et al.					
RNS	5,095,210	3/10/92	Wheatley et al.					
rps	, 5,103,337	4/7/92	Schrenk et al.					
nns	5,110,895	05/05/92	Weider et al		—			
RNS	5,235,443	8/1993	Barnik et al.		نــــــ			
Rns	5,319,478	6/1994	Fijnfschilling et al.					

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OMB No. 0651-0011 **INFORMATION** Atty. Docket No.: 54358US067 Serial No.: 09/911532 **DISCLOSURE** Applicant(s): John A. Wheatley et al. **STATEMENT** Filing Date: 07/24/01 Group: 2872 8/1994 2003 5,339,198 Wheatly et al. nos 5,389,324 2/1995 Lewis et al.

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ROSH	2	22	03		
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INFO	ORMATION	Atty. Docket	No.: 54358US067		No.: 09/911532
	CLOSURE	ļ			
1	STATEMENT		: John A. Wheatley	et al.	
		Filing Date:			: 2872
pn>	2,123,901	7/19/3		Group	
m	2,604,817	7/29/5			
MS	3,124,639	3/10/6			
nn	3,438,691	4/15/69		· ·	E 2
MS	3,528,723	9/15/70			7 50
NAS	3,631,288	12/28/			
MS	3,935,444	1/27/7			To to the second
ND)	3,969,545	7/13/7			
MUS	4,049,338	9/20/7			CENTER 22000
MIS	4,089,582	5/16/78			- 72
MIS	4,221,464	9/9/80			- 8
nos	5,262,894	11/16/9			
200	5,278,694	1/11/94			
nps	5,418,631	5/23/9:			
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INFORMATION DISCLOSURE STATEMENT Atty. Docket No.: 54358US067 Serial No.: 09/911532

Applicant(s): John A. Wheatley et al.

Filing Date: 07/24/01 Group: 2872

	FOREIGN PATENT DOCUMENTS						
	Document Number	Date	Country	Class	SubClass	Tran	slation
					<u></u>	Yes	No
נחת	0226811	7/1987	EPO			X	
ins	0062751	10/20/1982	EPO				
ros	138194	3/18/99	EPO	7.			
NOS	2059702	5/1990	Japan			X	
		3/09/20	Japan (Derwent		<u></u> <u>-</u> -	X	
	_	,	Abstract)				
MS	3-041401	1 991	Japan (Abstract)			X	
MDS	53-089752	1978	Japan (Abstract)			X	
Mos	3-091526 4	1991	Japan (Abstract)		_	X	
0.77	HED DOCKHARDING	£					

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.) Radford et al., "Reflectivity of Iridescent Coextruded Multilayered Plastic Films", NOS Polymer Engineering and Science, May 1973, Vol. 13, No. 3 Vasicek, "Optics of Thin Films", (1960). NOS Fergason, J.L.; "Cholesteric Structure - I Optical Properties", Molecular Crystals, nns 1966, Vol. 1, pp. 293-307 Fergason, J.L.; "Cholesteric Structure – II Chemical Significance", Molecular ND) Crystals, 1966, Vol. 1, pp. 309-323 Harper, W.J., "Voltage Effects in Cholesteric Liquid Crystals", Molecular MDS Crystals, 1966, Vol. 1, pp. 325-332 Schadt, Martin et al., "New Liquid Crystal Polarized Color Projection Principle", Japanese Journal of Applied Physics, Vol. 29, No. 10, October, 1990, pp. 1974-MO) 1984 Land, Edwin H., "Some Aspects of the Development of Sheet Polarizers", Journal MD S of the Optical Society of America, Vol. 41, No. 12, December, 1951, pp. 957-963.

EXAMINER	Date Considered				
ROSH	2/22/03				
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	FOREIGN PATENT DOCUMENTS										
			Document Num	ber	Date	Country	Class	SubClass	Trans Yes	No No	
MIS			WO 95/17303		6/29/95	PCT			163		
M			WO 88/04332	,	6/16/88	PCT					
MS			0 404 463	_	12/27/90	EPO					
ros			JP154658		3/02/89	JAPAN (Abstract)			X		
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pre			June, 1992.	Nanc	olyaer polyme	eric optical films, Tap	pi Journa	ıl, pp. 169	-174,		
rps			Scheffer, Terr	Scheffer, Terry J., "Twisted Nematic Display with Cholesteric Reflector", Journal						nal	
100			of Applied Ph	ysics,	Vol. 8, pp. 1	441-1448 (1975).		-			
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Co-Pending U.S. Applications



DO NOT PUBLISH

OMB No. 0651-0011 Atty. Docket No.: 54358US067 Serial No.: 09/911532 **INFORMATION DISCLOSURE** Applicant(s): John A. Wheatley et al. **STATEMENT** Filing Date: 07/24/01 **Group: 2872 U.S. PATENT DOCUMENTS** Examiner OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.) Initial James M. Jonza et al., "OPTICAL FILM," USSN 09/927,982, filed 08/10/01. mas Walter J. Schrenk et al., "BIREFRINGENT INTERFERENCE POLARIZER", M USSN 09/220210, filed 12/23/98.

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